

FRIALEN® Safety Fittings

DAV/DAV TL Pressure Tapping Valves with extra long outlet spigot

Areas of application

The FRIALEN-Pressure Tapping Valves DAV and DAV TL are used for branches of unpressurised and pressurised gas and water pipelines. Outlet spigots are prepared for integration of excess flow valves.

Assembly Instructions

The fusion of the HD-PE distribution pipes and the service pipes with FRIALEN-Pressure Tapping Valves takes place by FRIALEN-fusing – leakproof and longitudinally strong.

The saddle and the outlet spigot have to be prepared according to the general assembly instructions (see "Assembly Instructions" for "FRIALEN-Safety Fittings for house service and supply pipes up to d 225"). This involves removing the oxide layer and cleaning the pipe surface covered by the saddle as well as the outlet spigot and the pipe end.

The assembly of the pressure tapping valve with bolted underclamp takes place by evenly tightening of the hexagon screws.

The assembly of the pressure tapping valve top loading takes place with the clamping unit FRIATOP. Please observe the „operating instruction“ for FRIATOP clamping unit.

The assembly of the pressure tapping valve with fast clamping mechanism takes place within seconds with the fast clamping lever RED SNAP without additional tools.

NEW

For „Open/Close“ the pressure tapping valve require 7 to 10 turns, depending to the dimension and design, by using an operating key type E according to DIN 3223. (The tapping process need less turns, because of the intermediate position of the drill in supplied condition).



Illustration: FRIALEN pressure tapping valve with fast clamping lever RED SNAP and FRIALEN installation kit DBS (EBS). Also note the data sheet installation kit for pressure tapping valves DBS (EBS).

Good reasons for using the FRIALEN pressure tapping valve DAV and DAV TL:

- Simple start-up of the pressure tapping valve because of little tapping forces
- Fusing and tapping of the main under maximum permitted operating pressure gas/water
- No preventive measures necessary with regard to corrosion
- Actuating spindle made from corrosion-resistant steel
- Swarfless tapping due to rotating punching drill made of stainless steel
- Punched-out pipe piece fits securely and permanent in the drill
- Drill with solid upper and lower stop
- Length of outlet spigot dimensioned for two fusion operations
- Additional barcode for tracing back the fitting (Traceability-Coding)
- Maintenance-free, with operating key (e.g. FRIALEN installation set DBS (EBS)) actuatable valve

Additional good reasons for the FRIALEN pressure tapping valve DAV with fast clamping lever RED SNAP:

NEW

- Compact part, solid injection molded body made from HD-PE
- Simple and reliable assembly without any tool, thanks to the patented fast clamping lever RED SNAP
- Thanks to the new fast clamping technology, the installation time is reduced by 50%, because of reduction of assembly, fusion and cooling times
- The flexible saddle compensates pipe tolerances and provides always an optimal, uniform buildup of melt pressure during the fusion
- Barcode exposed on fast clamping lever RED SNAP for easy scanning with readerwand or barcode scanner
- Higher flow rate, lower pressure loss due to enlarged and flow-mechanically optimised flow cross-section
- Installation set DBS (EBS) is continuously telescopic and self supported in any extended position
- Installation set with a sleeve tube bell with integrated locking function: connects the installation kit firmly to the DAV, unintentional release is prevented
- A foam rubber ring in the sleeve tube bell prevents dirt from penetrating into the installation set
- Subsequent tapping with the installation set DBS (EBS) from the surface box is possible
- High torques can be transferred because of a solid construction

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